Adithya Sai Srinivas Mutta

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Education

National Institute of Technology, Andhra Pradesh *Aug 2023 – May 2027*
Bachelor of Technology in Computer Science and Engineering *CGPA: 7.84*

- **Coursework:** Programming & Algorithmic Thinking, Data Structures & Algorithms, Operating Systems, Digital Logic Design, Object Oriented Programming, Database Management Systems, Design & Analysis of Algorithms, Computer Organization & Architecture, Shell Scripting & Unix Programming

Experience

Technical Developer, ASTA Health Tech *Feb 2025 - Present*

- Led end-to-end development and maintenance of ASTA HealthTech's official website, ensuring clean and maintainable architecture, responsive UI, accessibility compliance, SEO optimization, and high-performance deployment. Also contributing to core frontend/backend tasks in upcoming Phase 4 of product development.

Founder, Educational Blogs *2021 - Present*

- Built IIT JEE preparation blogs using Blogger, also scaled them to 3M+ total views and 40K+ monthly unique visitors through SEO, keyword optimization, and data-driven content strategies leveraging Google Search Console and Analytics.

Skills

- Python, C, C++, Java, JavaScript, Verilog, HTML, CSS, Tailwind CSS, React, Next.js, Vite.js, Node.js, Express.js, REST APIs, SQL, PostgreSQL, MongoDB, Supabase, Vercel, Render, Cloudflare, NumPy, Pandas, SciPy, Matplotlib, SpeechRecognition, Git, GitHub, Figma, Framer, UI/UX Design, WordPress, Blogger, Google Analytics, SEO Optimization

Projects

Official Website Development for ASTA HealthTech 🔗
Individual Project - Developed for a Health Tech Startup *Jun 2025 - Sep 2025*

- Built ASTA HealthTech's official website using Next.js, React, and Tailwind CSS focusing on maintainable architecture.
- Implemented responsive design, SEO optimization, and accessibility improvements based on WCAG using WAVE audits.
- Created modular UI components and structured content architecture to improve user engagement and brand visibility.

Leave Automation System for NIT Andhra Pradesh 🔗
Under the guidance of Dr. Karthick Seshadri, Assistant Professor at NIT Andhra Pradesh *Jan 2025 - Jun 2025*

- Developed a full-stack leave management system using React.js, Node.js, Express.js, and PostgreSQL.
- Implemented role-based access control, structured approval workflows, and OTP-based authentication via Nodemailer.
- Designed interactive dashboards to analyze leave patterns and identify bottlenecks in approval flows.

Real-Time Financial Data Dashboard 🔗 *Jan 2025*

- Developed a Python dashboard to fetch and visualize real-time financial data from APIs (e.g., Alpha Vantage) for tracking stock trends and market performance.
- Used NumPy for data manipulation and Matplotlib for visualizing financial metrics like moving averages and price changes.
- Implemented data aggregation and live updates for time-sensitive, actionable insights.

Certifications

- **Mastering Data Structures & Algorithms in C/C++** *Udemy (Instructor: Abdul Bari)*
- **ATF 2024: Stage 2 Candidate** *AlgoUniversity*
- **Fundamentals of Deep Learning** *NVIDIA Deep Learning Institute (Mar 2025)*
- **Building Transformer-Based NLP Applications** *NVIDIA Deep Learning Institute (Apr 2025)*

Achievements

- Secured All India Rank 605 in the Naukri Engineers' Ring of Honour Challenge (2025).
- Awarded the Reliance Foundation Undergraduate Scholarship (2023–27) for academic excellence and leadership potential.
- Honored with the 'Best Performer Award' by the Innovation and Entrepreneurship Cell, NIT Andhra Pradesh (2024).

Extracurricular Activities

- As a Head of Design, I&E Cell, NIT Andhra Pradesh led a team under me to design visual branding content for campus events.
- As a Campus Ambassador, E-Cell IIT Bombay, I promoted entrepreneurship and drove a 25% rise in student participation.
- Recognized as a proficient graphic designer, contributing to official event brandings (e.g., TEDx) for college and clients.